

24th International Conference on Computing in High Energy & Nuclear Physics

Monday, November 4, 2019

Track 3 – Middleware and Distributed Computing: Workload Management & Cost Model - Riverbank R3 (11:00 AM - 12:30 PM)

-Conveners: Catherine Biscarat

time	[id] title	presenter
11:00	A173 [M13] The DIRAC interware: current, upcoming and planned capabilities and technologies	STAGNI, Federico
11:15	A179 [M19] Automated and Distributed Monte Carlo Generation for GlueX	BRITTON, Thomas
11:30	A183 [M23] Production processing and workflow management software evaluation in the DUNE collaboration	Dr HERNER, Kenneth Richard
11:45	A18 [M] Evolution of the CMS Global Submission Infrastructure for the HL-LHC Era	PEREZ-CALERO YZQUIERDO, Antonio
12:00	P11 [M11] Efficient Iterative Calibration on the Grid using iLCDirac	SAILER, Andre
12:15	P16 [M16] New developments in cost modeling for the LHC computing	SCIABÀ, Andrea

Track 3 – Middleware and Distributed Computing: HTC Sites and Related Services - Riverbank R3 (2:00 PM - 3:30 PM)

-Conveners: Stefan Roiser

time	[id] title	presenter
2:00 P	M1 [M1] Lightweight site federation for CMS support	DELGADO PERIS, Antonio
2:15 P	M58 [M58] Provision and use of GPU resources for distributed workloads via the Grid	Dr TRAYNOR, Daniel Peter
2:30 P	M04 [M04] A Lightweight Job Submission Frontend and its Toolkits – HepJob	JIANG, Xiaowei
2:45 P	M71 [M71] Dirac-based solutions for JUNO production system	ZHANG, Xiaomei
3:00 P	M00 [M00] Scalable processing for storage events and automation of scientific workflows	SCHUH, Michael

Tuesday, November 5, 2019

Track 3 – Middleware and Distributed Computing: HPCs and Related Services - Riverbank R3 (11:00 AM - 12:30 PM)

-Conveners: James Letts

time	[id] title	presenter
11:00	A103 [A103] Harnessing the power of supercomputers using the PanDA Pilot 2 in the ATLAS Experiment	NILSSON, Paul
11:15	A114 [A114] IceProd Supercomputer Mode: How IceCube Production Runs on Firewalled Clusters	SCHULTZ, David
11:30	A117 [A117] Scheduling, deploying and monitoring 100 million tasks	Prof. WICENEC, Andreas
11:45	A115 [A115] Managing the ATLAS Grid through Harvester	BARREIRO MEGINO, Fernando Harald
12:00	P117 [P117] Nordugrid ARC cache: Efficiency gains on HPC and cloud resources	PEDERSEN, Maiken
12:15	P114 [P114] Reusing distributed computing software and patterns for midscale collaborative science	RIEDEL, Benedikt RIEDEL, Benedikt

Track 3 – Middleware and Distributed Computing: Operations & Monitoring - Riverbank R3 (2:00 PM - 3:30 PM)

-Conveners: Stefan Roiser

time	[id] title	presenter
2:00 P	M119 [M119] Operational Intelligence	DI GIROLAMO, Alessandro
2:15 P	M119 [M119] Big data solutions for CMS computing monitoring and analytics	LEGGER, Federica
2:30 P	M112 [M112] Implementation of ATLAS Distributed Computing monitoring dashboards using InfluxDB and Grafana	BEERMANN, Thomas
2:45 P	M146 [M146] Automatic log analysis with NLP for the CMS workflow handling	LAYER, Lukas
3:00 P	M167 [M167] Easy-to-use data schema management scheme for RDBMS that includes the utilization of the column-store features	MURAKAMI, Tadashi
3:15 P	M107 [M107] Monitoring distributed computing beyond the traditional time-series histogram	LOVE, Peter

Track 3 – Middleware and Distributed Computing: Security & Collaboration - Riverbank R3 (4:30 PM - 6:00 PM)

-Conveners: Catherine Biscarat

time	[id] title	presenter
4:30 P	M117 [M117] WLCG Authorisation; from X.509 to Tokens	CECCANTI, Andrea
4:45 P	M190 [M190] Harnessing the power of threat intelligence for WLCG cybersecurity	CROOKS, David
5:00 P	M113 [M113] A New Authorization System for IceCube Applications	SCHULTZ, David
5:15 P	M133 [M133] Computer security in 2019	LOPIENSKI, Sebastian
5:30 P	M149 [M149] Building an IRIS trust framework	CROOKS, David
5:45 P	M111 [M111] China-EU scientific cooperations on JUNO distributed computing	ANDRONICO, Giuseppe

Thursday, November 7, 2019

Track 3 – Middleware and Distributed Computing: Infrastructure & Identity - Riverbank R3 (11:00 AM - 12:30 PM)

-Conveners: James Letts

time	[id] title	presenter
11:00	A13 [A13] DIRACOS: a cross platform solution for grid tools	HAEN, Christophe
11:15	A10 [A10] CERN's Identity and Access Management, a journey to Open Source	SHORT, Hannah
11:30	A11 [A11] Beyond X.509: token-based authentication and authorization in practice	CECCANTI, Andrea
11:45	A19 [A19] Distributing User Code with the CernVM FileSystem	HERNER, Kenneth Richard
12:00	P13 [P13] GOCDB - new communities, new requirements, new architecture	CORBETT, Greg
12:15	P14 [P14] Migrating INFN-T1 from CREAM-CE/LSF to HTCondor-CE/HTCondor	DAL PRA, Stefano

Track 3 – Middleware and Distributed Computing: Information Systems, BOINC & User Analysis - Riverbank R3 (2:00 PM - 3:30 PM)

-Conveners: Tomoe Kishimoto

time	[id] title	presenter
2:00	P12 [P12] Grid Information Systems: Past, Present and Future	SCHULZ, Markus
2:15	M64 [M64] Evolution of the WLCG Information Infrastructure	ANDREEVA, Julia
2:30	P15 [P15] CRIC: Computing Resource Information Catalogue as a unified topology system for a large scale, heterogeneous and dynamic computing infrastructure	ANISENKOV, Alexey
2:45	P18 [P18] Exploiting CRIC to streamline the configuration management of glideinWMS factories for CMS support	LETTS, James
3:00	M60 [M60] Distributed data analysis with ROOT RDataFrame	TEJEDOR SAAVEDRA, Enric
3:15	M182 [M182] Adapting ATLAS@Home to trusted and semi-trusted resources	CAMERON, David